



UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Brown et al.

Attorney Docket No. ROYG-1-1001

Serial No.:

09/633,633

Group Art Unit:

2762

Filing Date:

August 7, 2000

Examiner:

Greg Morse

Title:

MOTION CONTROL AND SYSTEM METHOD

TRANSMITTAL LETTER FOR INFORMATION DISCLOSURE STATEMENT TO THE COMMISSIONER OF PATENTS:

Pursuant to 37 C.F.R. § 1.56 and in accordance with 37 C.F.R. §§1.97-1.98, information related to the above-identified application is hereby disclosed. Inclusion of information in this statement is not to be construed as an admission that this information is material as that term is defined in 37 C.F.R. § 1.56(b).

In accordance with §1.97(b), since this Information Disclosure Statement is being filed either within three months of the filing date of the above-identified application, within three months of the date of entry into the national stage of the above identified application as set forth in §1.491, or before the mailing date of a first Office Action on the merits of the above-identified application, no additional fee is required.

Because of their bulk, copies of references listed on the attached Form PTO-1449 are not enclosed. The references were originally mailed to the US Patent Office on June 6, 2002, but the transmittal letter inadvertently referenced incorrect attorney docket number ROYG-1-1002 and application serial number 08/944,529, and the copies of the references were apparently routed to that file. We understand that you do not want an additional copy of these voluminous references. Nonetheless, if you would prefer to receive an additional copy, please let us know.

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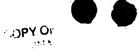


BLACK LOWE & GRAHAM PLIC

Seattle, Washington 98104 206.381.3300 • F: 206.381.3301

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Respectfully submitted,

Black Lowe & Graham $^{
m PLLC}$

Lawrence D. Graham

Registration No. 40,001 Direct Dial: 206.381.3304

MAIL CERTIFICATE

I hereby certify that this communication is being deposited with the United States Postal Service via first class mail under 37 C.F.R. § 1.08 on the date indicated below addressed to: Commissioner for Patents, Attn: Examiner Greg Morse, Art Unit 2762, Washington D.C. 20231.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Application Number	09/633,633	
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Attorney Docket Number	ROYG-1-1001	

			U.S. PATE	NT DOCUMENTS	
Examiner Cite Initials No.1		Document Number Number - Kind Code ² (if known	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant
	U29	US- 4,159,417	06/26/1979	Rubincam, David P.	Figures Appear
	U30	US- 4,418,381	11/29/1983	Molusis et al.	1 Mr. 1 C March 10 Ma
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	U34	US- 4,840,602	01/20/1989	Rose	
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	F12	EP 0 583 908 A2	02/23/1994	IBM		
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			U.S. PATI	ENT DOCUMENTS	
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			U.S. PATE	NT DOCUMENTS		
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		OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue
		WRIGHT et al.; "Open Architecture Manufacturing: The Impact of Open-System Computers on Self-Sustaining Machinery and Machine Tool Industry"; 7 pages; pp.
the second of the second of the second	018	ALTINTAS et al.; "Design and Analysis of a Modular CNC System"; pub. 3/4/90; 12 pages; Elsevier Science Publishers; pp. 305-316.
	O19	ROBERT ANDERSON; "SMART: A Modular Architecture for Robotics and Teleoperation"; pub. 1993; IEEE; 6 pages; pp. 416-421.
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aggraphic may gadh abou mgi ki ta	021	MICROSOFT; "Microsoft OLE Today and Tomorrow: Technology Overview"; pub. 12/93; 9 pages; pp. 1-9.
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Examiner	· Date
Signature	Considered

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	1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the		1	
xaminer nitials	Cite No. 1	item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²		
	O28	WILLIAM F. FORD; "What is an Open Architecture Robot Controller?"; pub. 8/16/94; IEEE Control Systems Society; 6 pages; pp. 27-32.			
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xaminer nitials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	۲2	
	039	PROCTOR et al.; " Open-Architecture Controllers"; pub. 6/97; IEEE; 5 pages; pp. 60-64.		
	040	SZABO et al.; "Validation Results of Specifications for Motion Control Interoperability"; pub. 9/97; 11 pages; pp. 166-176.		
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	042	LUTZ et al.; "OSACA - The Vendor Neutral Control Architecture"; pub. 12/97; 10 pages.		
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Complete if Known 09/633,633 **Application Number** August 7, 2000 Brown, et al. Filing Date First Named Inventor 2762 Group Art Unit Examiner Name

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	O50	EMILIO MORALES; "GENERIS: The EC-JRC Generalised Software Control System for Industrial Robots"; pub. 1998; University Press; Volume 26; 7 pages; pp. 26-33.	
,	051	MIZUKAWA et al.; "De-Facto Standard API for Open and Networked Industrial Robots"; pub. 10/99; 8 pages; pp. 455-462.	
	O52	CHO et al.; " A Compact/Open Network-Based Controller Incorporating Modular Software Architecture for a Humaniod Robot"; pub. 4/19/99; Kluwer, 15 pages; pp. 341-355.	
	O53	NILSSON et al.; "Integrated Architecture for Industrial Robot Programming and Control"; pub. 5/20/99; Elsevier Science B.V.; 22 pages; pp. 205-226.	
	054	VALERA et al.; "Interactive On-Line Evaluation of Robot Motion Control"; pub. 8/2/99; IEEE; 5 pages; pp. 1039-1043.	
	O55	NATALE et al.; "Robust Hybrid Force / Position Control with Experiments on an Industrial Robot"; pub. 9/19/99; 5 pages; pp. 956-961.	
	O56	MIZUKAWA et al.; "ORiN: Open Robot Interface for the Network, A Proposed Standard"; pub. 5/00; MCB University Press; 7 pages' pp. 344-350.	
	057	EROL et al.; "Open System Architecture Modular Tool Kit for Motion and Machine Processing Control"; pub. 9/00; IEEE/ASME; 11 pages; pp. 281-291.	*****
	O58	GE et al.; "A One-Stop Solution in Robotic Control System Design"; pub. 9/00; IEEE; 14 pages; pp. 42-55.	
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